

LANDA, Ye.M.; YERMULOVICH, Ya.V. (Odessa); REZNICHENKO, L.G.

Vascular reflex reactions in gastric and duodenal diseases.  
Klin.med. 31 no.11:92 N '53. (MLRA 6:12)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zavednyushchiy -  
professor Ya.M.Voloshin) pediatricheskogo i sanitarno-gigiyeni-  
cheskogo fakul'tetov Odesskogo meditsinskogo instituta im.  
N.I.Pirogova.

(Stomach--Diseases) (Duodenum--Diseases)  
(Blood vessels)

Reznichenko, L. G.

*Effects of procaine on adrenal-reactive peripheral vein systems. S. V. Tsyganov and L. G. Reznichenko (N. I. Pirogov Med. Inst., Odessa). Farmakol. i Toksikol. 17, No. 4, 14-17(1954).—The pressor action of adrenaline, ephedrine, and pituitrin is heightened, not lessened, by pre-dosage with procaine. Evidently procaine sensitizes adrenal-reactive systems in the veins. The tests were made with rabbits (not narcotized) and with cats under hexenal narcosis.*

*-Chair Pharmacology*

Julian F. Smith

REZNICHENKO, L. G. Cand Med Sci -- (diss) "The effect of certain pressor  
and depressor substances upon ~~the~~ blood pressure and respiration under  
~~various experiments~~  
~~varying conditions of experimentation.~~" Odessa, 1957. 13 pp (Odessa State  
Med Inst imeni N. I. Pirogov), 200 copies (KL, 42-57, 94)

USSR / Human and Animal Physiology. Blood Circulation. T  
The Vessels.

Abs Jour: Ref Zhur-Biol., No 22, 1958, 101887.

Author : Aksent'yev, S. B.; Yermulovich, Ya. V.; Zhemudskaya,  
L. F.; Reznichenko, L. G.

Inst : Not given.

Title : On Appearances of Dominant, Parabiosis and Hysteri-  
osis in the Vascular Reflectory Activity of Man.

Orig Pub: V sb.: Ucheniye N. Ye. Vvedenskogo v klinich. prak-  
tike. Odessa, 1957, 124-129.

Abstract: In patients with various diseases, disturbances in  
the course of vascular reflexes to cold and hot  
stimuli were observed which is regarded by the au-  
thor as various stages of parabiosis, hysteriosis  
and dominant.

Card 1/1

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REZNICHENKO, L.G.

Blood pressure and respiration reactions to intravenous and  
intra-arterial injection of some drugs. Vrach. delo no. 3:245-247  
(MLRA 10:5)  
Mr '57

1. Kafedra farmakologii (zav.-prof. S.V. TSyganov) Odesskogo  
meditsinskogo instituta.  
(BLOOD PRESSURE) (RESPIRATION) (INJECTIONS)

AKSBNT'YEV, S.B.; YERMULOVICH, Ya.V.; ZHMUDSKAYA, L.F.; REZNICHENKO, L.G.

Studying conditioned and unconditioned vascular reflexes as a method for analyzing corticovisceral relations in various diseases. [with summary in English]. Zhur.vys.nerv.deiat. 7 no.1:49-57 Ja-F '57. (MIRA 10:10)

1. Odesskiy meditsinskiy institut im. N.I.Pirogova i Odesskiy nauchno-issledovatel'skiy psikhonevrologicheskiy institut.

(BLOOD VESSELS, physiology

conditioned & unconditioned vasc. reflexes in analysis of cortico-visceral relations in various dis. (Rus))

(REFLEX, CONDITIONED,

vasc. reflexes in analysis of cortico-visceral relationship in various dis. (Rus))

(REFLEX,

unconditioned vasc. reflexes in analysis of cortico-visceral relationship in various dis. (Rus))

(CEREBRAL CORTEX, physiology,

cortico-visceral relationships, determ. i various diseases by conditioned & unconditioned vasc. reflexes (Rus))

Reznichenko, L.

GRITCHUK, A.

"Beginning of the way" ("Lenin's youth" by N.Nechvolodova,  
L.Reznichenko. Reviewed by A.Gritchuk). Znan.sila '57 no.4:4 Ap '57.  
(MIRA 10:7)

(Lenin, Vladimir Il'ich, 1870-1924).  
(Nechvolodova, N.) (Reznichenko, L.)

S/123/59/000/09/12/036  
A002/A001

Translation from: Referativnyy zhurnal, Mashinostroyeniye, 1959, No. 9, p. 93,  
# 33554

AUTHOR: Reznichenko, M. P.

TITLE: Cutting Properties of Grinding Disks in Grinding Metallized  
Surfaces

PERIODICAL: Izv. Kiyevsk. politekhn. in-ta, 1957, No. 24, pp. 97-101

TEXT: The author presents the results of experiments for establishing the optimum characteristics of a disk when grinding parts which had been subjected to electro-metallization. It was established that "M60CM2K" (M60SM2K) and "M46CM1K" (M46SM1K) monocorundum disks have advantages over carborundum and electrolytically-produced artificial corundum disks: 1) the disk surface is smeared to a lower degree; 2) the cutting properties are higher by 30-32% than those of standard electrolytically-produced corundum disks and they are equal to those of carborundum disks; 3) the wear is 2.5-3 times lower than that of carborundum disks, and 30-35% lower than that of electrolytically-

/B

Card 1/2

S/123/59/000/09/12/036  
A002/A001

Cutting Properties of Grinding Disks in Grinding Metallized Surfaces

produced corundum disks; 4) the specific efficiency is 3-4 times higher than that of carborundum disks, and 2 times higher than that of electrolytically-produced corundum disks; 5) the durability of monocorundum disks is 1.2-1.4 times higher than that of carborundum disks, and 1.4-1.8 times higher than that of electrolytically-produced corundum disks. The use of monocorundum disks will increase the productivity. There are 4 figures and 2 references.

B. I. M.

Translator's note: This is the full translation of the original Russian abstract.

VB

Card 2/2

L 04219-67 EWT(1)  
ACC NR: AR6015879

SOURCE CODE: UR/0275/65/000/012/V024/V024  
*20*  
*3*

AUTHOR: Reznichenko, L. I.

TITLE: On the analysis of high-voltage transformers assembled from semiconductor triodes

SOURCE: Ref. zh. Elektronika i yeye primeneniye, Abs. 12V165

REF SOURCE: Sb. Materialy radioelektron. i elektr. mashiny. L'vov, L'vovsk. un-t, 1964,  
60-66

TOPIC TAGS: triode tube, electronic transformer

ABSTRACT: Single-cycle transformers (T) assembled from ST (semiconductor triodes) are mainly used in circuits to obtain high dc voltages. In such T, an increase in voltage is achieved by means of resonance of the output circuit, and therefore calculation of the circuits must be done with a consideration of the effect of inductive scattering by the flipflop, the distributed capacitance of its windings, and also the capacitances shunting the output circuit of the T. An analysis of the T is conducted in 2 stages: an equivalent circuit (EC) is compiled for the input channel and by solution of differential equations for it, the time of increase of the emitter current is determined, with a consideration of the flipflop parameters. Then the time of the transitory process for cutting out the ST is considered, and according to the new EC the connec-

UDC: 621.314.14

Card 1/2

L 04219-67

ACC NR: AR6015879

tion between the output voltage, duration of the full operating cycle, and the parameters of the  
EC is found; the supply voltage, load resistance, and parameters of the ST and flipflop. [ Trans-  
lation of abstract ] R. N.

SUB CODE: 09

Card 2/2 *plot*

REZNICHENKO, L.P.

Age variations in the concentration of calcium and phosphorus in  
the organism of hens of different breeds. Ukr. biokhim. zhur.  
32 no.5:725-733 '60. (MIRA 14:1)

1. Kafedra biokhimii Khar'kovskogo veterinarnogo instituta.  
(POULTRY-PHYSIOLOGY) (CALCIUM IN THE BODY)  
(PHOSPHORUS IN THE BODY)

ARSKIY, Kh.T.; REZNICHENKO, L.P.

Conditioned reflex induction of an epileptoid state in dog. *Fiziol. zhur. (Ukr.)* 1 no.4:15-19 Jl-Ag '55. (MLRA 9:11)

1. Kharkiv's'kiy vетеринарний institut, kafedra fiziologii.  
(*EPILEPSY, experimental,*  
conditioned reflex induction of epileptoid state in dog)  
(*REFLEX, CONDITIONED,*  
conditioned induction of epileptoid state in dog)

REZNICHENKO, L.P. [Rieznychenko, L.P.]

Changes in the amount of protein and nonprotein nitrogen in the blood  
and oviducts of hens. Ukr.biolhim.zhur. 32 no.2:215-224 '60.  
(MIRA 13:11)

1. Department of Biochemistry of the Kharkov Veterinary Institute.  
(NITROGEN IN THE BODY)  
(PROTEINS)  
(HENS)

RESNICHENKO, L. P., Cand Bio Sci -- "Ontogenetic and functional changes of certain aspects of protein and mineral exchange in chickens with various trends of productivity."

Khar'kov, 1961. (Min of Higher and Sec Spec Ed UkrSSR.

Khar'kov Order of Labor Red Banner State U im A. M. Gor'kiy)

(KL, 3-61, 238)

- 166 -

- 165 -

REZNICHENKO, L.P.

Concentration of nitrogenous fractions in the blood and oviduct  
of hens during various stages of the formation of the egg. Ukr.  
biokhim. zhur. 33 no.1:72-79 '61. (MRA 14:3)

1. Department of Biochemistry of the Kharkov Veterinary Institute.  
(NITROGEN METABOLISM) (POULTRY--PHYSIOLOGY)  
(EGGS)

NESHPOR, V.S.; REZNICHENKO, M.I.

Investigating the thermal expansion of certain silicides. Ogneupory  
28 no.3:134-137 '63. [REDACTED] (MIRA 16:2)

1. Institut metallokeramiki i spetsial'nykh splavov AN UkrSSR.  
(Silicides) (Expansion (heat))

ZHILINIK, N.P., Cand Tech Sci—(disc) "Study of the process of grinding  
of metal <sup>metallurgy</sup> bilage." Kiev, 1958. 20 pp (Inst. of Higher Education USSR.

Kiev Order of Lenin Polytech Inst. Chair of Technology of Machine-Building), 1958 certific (N,42-59, 105)

-51

KARTAVOV, Sergey Alekseyevich, prof.; LEVCHENKO, Andrey Matveyevich, kand. tekhn. nauk; RUDNIK, Sergey Sergeyevich, doktor tekhn. nauk; BOVSUNOVSKIY, Yakov Ivanovich, kand. tekhn. nauk; BAZHENOV, Ivan Ivanovich, kand. tekhn. nauk; KOVALENKO, Vladimir Vladimirovich, kand. tekhn. nauk; LOMACHENKO, Zinaida Nikolayevna, kand. tekhn. nauk; MIL'SHTEYN, Mark Zel'manovich, kand. tekhn. nauk; RADCHENKO, Yuliya Gavrilovna, kand. tekhn. nauk; REZNICHENKO, Mikhail Petrovich, kand. tekhn. nauk; TRUBENOK, Aleksandr Davidovich, kand. tekhn. nauk; KHRISTICH, Zakhar Dem'yanovich, kand. tekhn. nauk; SHNAYDERMAN, Isay Yakovlevich, kand. tekhn. nauk; GOLUBOV, N.P., kand. tekhn. nauk, retsenzent; DUMANSKAYA, V.A., kand. tekhn. nauk, retsenzent; MAKSIMOV, G.D., kand. tekhn. nauk, retsenzent; YAKOVENKO, G.A., kand. tekhn. nauk, retsenzent

[Technology of the manufacture of machinery] Tekhnologiya mashinostroeniia. [By] S.A.Kartavov i dr. Kiev, Tekhnika, 1965. 526 p. (MIRA 18:7)

1. Kafedra tekhnologii mashinostroyeniya Kiyevskogo politehnicheskogo instituta (for all except Golubov, Maksimov, Yakovenko).

KOLMICHINSK, M.P., otv. red.

[problems of mechanics and machinery manufacture] Voprosy mekhaniki i mashinostroeniya. Kiev, Izd-vo Kievskogo univ., 1964. 199 p. (MIRA 1961)

I. Kiev. Politekhnicheskiy institut.

REZNICHENKO, M. S.

DECEASED

1964

c. '63

BIOCHEMISTRY

REZNICHENKO, M.V.

Improve the activity of the Scientific and Technical Society of  
Mining Engineers. Razved. i okh. nedr 27 no.3:48-49 Mr '61.  
(MIRA 14:5)

1. TSentral'nyy komitet profsoyuza rabochikh geologorazvedchikh  
rabot.  
(Coal mines and mining) (Prospecting)

REZNICHENKO, M.V.

Sixth Conference of the Trade Union of Workers in Geological Prospecting. Geod. i kart. no.11:74-77 N '63. (MIRA 17:1)

REZNICHENKO, M.V.; DENSHCHIKOV, L.Ye.

Work and live in the communist way. Razved. i okh. nedr  
26 no.7:56-58 Jl '60. (MIRA 15:7)

1. TSentral'nyy komitet professional'nogo soyuza rabochikh  
geologorazvedochnykh rabot.  
(Prospecting)

USSR, Moscow, 1964.

Member of the Trade Union of Workers Employed in Geological  
Explorations. Party. I ch. nadr 30 no.1:56-59 Ag '64.  
(MIRA 17:12)  
Centralnyy komitet soveta narkom po gospodarke geologo-  
pravleniya rabot.

3(5)

SOV/132-59-9-12/13

AUTHOR: Reznichenko, M.V.

TITLE: Among Czechoslovakian Friends

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 9, pp 55-57 (USSR)

ABSTRACT: In July 1959, a delegation of the Soviet Trade Union of Geological Prospecting Workers visited the CSR on the invitation of the corresponding Czechoslovakian Trade-Union. The delegation was composed of: member of the presidium of the Central Committee of the Trade-Union, M.V. Reznichenko; chairman of the Volgo-Donskoy Territorial'nyy Komitet (the Volga-Don Territorial Committee) of the Trade-Union, I.K. Repin, chief engineer of the Geologicheskoye upravleniye tsentral'-nykh rayonov (Geological Directorate of Central Regions); G.I. Lugovoy and Engineer-geophysicist of the Novosibirskaya aeromagnitnaya ekspeditsiya (the Novosibirsk Aeromagnetic Expedition), G.F. Shmatalyuk. The delegation visited various regional committees of the Trade Union, the Ostrava and Turcanske Teplice

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Among Czechoslovakian Friends

SOV/132-59-9-12/13

Geological Prospecting Trusts, the Dukla Mine, the Scientific Research Mining Institute, the construction site of the largest hydroelectric power plant, Orlík, the Sandrik plant, etc. While well drilling technology is still behind, other Soviet achievements, the reorganization of the geological service on territorial principles and an intensified geological prospecting program have yielded positive results. The Soviet visitors noticed that the idea of work competition is gaining ground among the geological prospecting workers in the CSR. They were asked to see to it that Soviet-Czech competitions in their proper field be organized.

ASSOCIATION: TsK profsoyuza geologorazvedochnykh rabot (Central Committee of the Trade-Union of Geological Prospecting Workers)

Card 2/2

REZNICHENKO, M.V.; SHISHKIN, V.N.

Maintain the creative initiative of inventors and efficiency  
promoters in every possible way. Geod. i kart. no.12:7-11 D '58.  
(MIRA 12:1)

(Surveying) (Cartography)

3(2)

AUTHOR:

Reznichenko, M. V.

SOV '6-59-6-4/22

TITLE:

On the Practice of Work of Permanent Works Conferences  
(O praktike raboty postoyannym d'yystavlyushchikh prizvodstvennykh  
soveshchaniy)

PERIODICAL: Gidrografiya i kartografiya, 1959, Nr 6, pg 20-24 (USSR)

ABSTRACT:

A short survey of the present state of work at the different permanent works conferences is given here. Good work is done by the subsections of the Ukrainskaya aerogeodezicheskaya predpriyatiye (Ukrainian Aerogeodetic Service) (President of the Gruppkom (Group committee) N. I. Kashalutin). The improvements introduced are listed: a compressed-air copying apparatus, an electric drying apparatus, daylight lamps, etc. Good work is also done by the Vostochno-Sibirskaya aerogeodezicheskaya predpriyatiye (East-Siberia Aerogeodetic Service) (President of the Gruppkom Z. V. Bekhtereva) and the Irkutskaya kartograficheskaya fabrika (Irkutsk Cartographic Institute) (President of the Fabkom Ogorodnikov). Show windows have been prepared in the latter. The situation at the permanent works conference, its composition, working place, and the suggestions approved are

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On the Practice of Work of Permanent Works Conferences SOV/6-59-6-4/22

displayed in them. But there is a number of enterprises where this system of a permanent works conference is working badly. These shortcomings are pointed out here. The Yakutsk, Novosibirsk, Srednyaya Aziya ([Soviet] Central Asia) Service and the Sverdlovsk Cartographic Institute (President of the Fabkom V. P. Shibayev) belong to these enterprises. At the conferences of the latter, the problems are only formally discussed, and no resolutions are passed. In the Yakutsk Service, three kinds of conferences were constituted: one for the whole enterprise, one for the subsections, and one for every field squad. Such complicated structure yielded very bad results. It is suggested to study the organization and activity of permanent conferences, and eliminate the present shortcomings.

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3(2), 3(4)  
AUTHORS:

Reznichenko, M. V., Shishkin, V. N.

SOV/6-58-12-2/14

TITLE:

The Creative Initiative of Inventors and Efficiency Experts Shall be Supported in Every Respect (Vsemerno podderzhivat' tvorcheskuyu initsiativu izobretateley i ratsionalizatorov)

PERIODICAL:

Geodeziya i kartografiya, 1958, Nr 12, pp 7-11 (USSR)

ABSTRACT:

A short survey is given of inventions and rationalizations made in recent years in the field of cartography and geodesy. In the last two years alone, 2700 suggestions were submitted to improve the available, and create new means and methods for the topographical-geodetical and cartographical work. During the same period, 1400 inventions and suggestions of rationalization were introduced in production. The following apparatus have given satisfactory results and are widely used: Air photographic apparatus (aerial cameras) AFA-TE by S.P. Shokin and G.G. Gordon with wide-angle lenses by M.M. Rusinov, the sun dials by A.P. Lyubimov, the statoscopes by K.P. Bychkovskiy, <sup>MILIT</sup> projector reducers by F.P. Shevchenko, mountain transformers by F.P. Shevchenko, S.A. Pylayev, L.V. Pavlov and P.I. Popov, the optical range finders SVV-1 by V.A. Velichko and V.P. Vasil'yev. Very well known are: the range finder and the leveling instrument by V.A. Belitsyn, the altimeter

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SOV/6-58-12-2/14

The Creative Initiative of Inventors and Rationalizers Shall Be Supported in Every Respect

and the leveling instrument with automatically adjusting line of sight by G.Yu. Stodolkevich, the range finder by I.A. Greym and G.G. Nikiforov, the photo setting machine by A.V. Volkhonkiy for cartographers, the cartographical color triad by S.F. Sedchikov, the stereophotogrammetrical universal apparatus, the stereoprojector "SPR-2" by G.V. Romanovskiy, the "slit photo rectifier" by Ye.A. Kalantarov and G.P. Zhukov (for compiling photographic plans of areas with any difference of altitude). By collaboration of the inventors L.F. Valov, Ye.T. Zdobnikov and S.I. Mitnitskaya of the TsNIIGAiK and of the Zavod aerogeodesicheskikh instrumentov (Factory of air-geodetical instruments) the universal stereometer "US-1" was designed. This is a combination of the stereocomparator, the "core" stereometer and the precision stereometer. The new universal apparatus, the stereoprojector SD-1 by F.V. Drobyshev is actually being tested. The gyrostabilizing unit suggested by a group of inventors is more and more in use. The investigations by A.V. Meshcher-yakov are of interest for the manufacture of more accurate leveling instruments with a self-adjusting line of sight, and for the manufacture of theodolites with self-adjusting alidade of the vertical circle. An increased working performance is guaranteed by the

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The Creative Initiative of Inventors and Rationalizers Shall Be Supported in  
Every Respect

method suggested by I.B. Gurevich for the making of net positives  
of the underground colors, and by the semiautomatic device develop-  
ed by V.V. Bozrikov and I.N. Vorob'yev for the sticking of fold  
guards to the maps of geographical atlases.

In order to solve important technical questions and to employ a  
wide circle of collaborators to cut down shortcomings, as well as  
to further develop the mass movement of inventors and improvers  
the Vsesoyuznoye soveshchaniye izobretateley, ratsionalizatorov i  
novatorov geologorazvedochnoy i kartografo-geodezicheskoy sluzhb  
Sovetskogo Soyuza (All-Union Consultation of Inventors, Improv-  
ers and Innovators of the Geological Research Service and of the  
Cartographical-Geodetical Service of the Soviet Union) was held in  
October 1958 in Sverdlovsk by the Tsentral'nyy komitet profsoyuza  
rabochikh geologorazvedochnykh rabot (Central Committee of the  
Trade Union of Workers in the Field of Geological Prospecting), the  
Ministerstvo geologii i okhrany nedor SSSR (Ministry of Geology  
and the Protection of Mineral Resources USSR) and the Glavnoye  
upravleniye geodezii i kartografii MVD SSSR (Main Administration  
of Geodesy and Cartography at the Ministry of the Interior USSR),  
in common with the Nauchno-tehnicheskoye gornye obshchestvo  
(Scientific-Technical Mining Society). Present were 655 workers,

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SOV/6-58-12-2/14

The Creative Initiative of Inventors and Rationalizers Shall Be Supported in Every Respect

engineers, technicians and assistants of the scientific research institutes, design offices, different works and firms, the Party and trade unions. At the plenary meeting, representatives of the Ministry of Geology and the Protection of Mineral Resources USSR and the Main Administration of Geodesy and Cartography at the Ministry of the Interior USSR spoke about the principal trends of development of engineering in geological research and the technique of cartographical-geodetical investigations, as well as about the tasks of rationalizers and innovators. Besides, reports were given on the work of inventors and rationalizers in expeditions and organizations of the Main Administrations of Geology and the Protection of Mineral Resources at the Council of Ministers of the RSFSR, the Uzbekskaya SSR, the UkrSSR, and of the Ministry of Geology and the Protection of Mineral Resources of the Kazakhskaya SSR. Four sections were working.- The consultative body passed a proclamation and determined the main tasks for the creation and introduction of the new technique of production and for the thorough improvement of the work of inventors and rationalizers.- Some general directions are given to this effect: Employment of new and wide circles of workers and engineers, daily orientation of creative initiative, explanation of aims and tasks, a suitable reward (not

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SOV/6-58-12-2/14

Shall Be Supported in

The Creative Initiative of Inventors and Improvers  
Every Respect  
an arbitrary one) for inventors and improvers, more active  
participation in competitions, publication of the best suggestions  
in large editions.

Card 5/5

REZNICHENKO, M.Ya., inzh.

Stabilizing rotating parts of agricultural machinery on balancing  
parallels. Trakt. i sel'khozmash. no.2:19-23 F '58.

(MIRA 12:3)

(Balancing of machinery)

IVANOV, I.S.; LIKHOYEDENKO, K.I.; REZNICHENKO, M.Ya.; CHERNOV, G.G.;  
ZURAB'YAN, S.I., inzh., retsentent; KORNEYEV, V.B., inzh.,  
retsentent; BORODAVCHENKO, P.I., inzh., retsentent;  
CHAPKEVICH, A.A., kand. tekhn. nauk, red. [deceased]; FAL'KO,  
O.S., red. izd-va; MODEL', B.I., tekhn. red.

[Agricultural machinery] Sel'skokhozyaistvennye mashiny. [By]  
I.S. Ivanov i dr. Moskva, Mashgiz, 1962. 683 p.  
(MIRA 15:11)

1. Rostovskiy-na-Donu tekhnikum sel'skokhozyaystvennogo ma-  
shinostroyeniya (for Zurab'yan, Korneyev). 2. Lyuberetskiy  
tekhnikum sel'skokhozyaystvennogo mashinostroyeniya (for  
Borodavchenko).

(Agricultural machinery)

USSR/General Biology - General Hydrobiology.

B.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 94716

Author : Reznichenko, O.G.

Inst : Institute of Oceanography, AS USSR.

Title : Fauna of the Weeds of the Cystoseira in the Black Sea.

Orig Pub : Tr. In-ta okeanol. AN SSSR, 1957, 23, 185-194

Abstract : Fauna of the weeds *Cystoseira barbata* and *C. b. var. flaccida* were studied in the region of the Black Sea experimental station of the Institute of oceanography AS USSR (Blue bay). Average density 15,660 specimens per 1 m<sup>2</sup>, average biomass - 47.5 g/m<sup>2</sup>. Density of fauna in basic form and variety differs. In the weeds of *Cystoseira* a total of more than 60 species of invertebrates were found. Leading forms are " *Ericthonius difformis*, *Amphithoe vaillanti*, *Rissoa splendida*, *Cerithiolum*

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USSR/General Biology - General Hydrobiology.

B.

Abs Jour : Ref Zhur - Biol., No 21, 1958, 94716

reticulatum, Phasianella pontica. In the cystoseira fauna young forms predominate. Some invertibrates and fish place their eggs on the cystoseira. Cystoseira fauna and spread of organisms in algae changes depending on the surf, depth, and character of the substratum. Two species of commercial shrimp are maintained among the Cystoseira weeds: Leander adspersus and L. squilla. The crab Clibanarius misanthropus is also characteristic. 43 fish species are connected with cystoseira weeds and their fauna. -- R.Ya. Margulis.

Card 2/2

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REZNICHENKO, O.G.

Ecology and food value of Pontogammarus maeoticus (Sow) in the  
Sea of Azov [with summary in English]. Zool.zhur. 36 no.9:1312-1322  
(MIRA 10:10)  
S '57.

1.Kafedra gidrobiologii Moskovskogo gosudarstvennogo universiteta.  
(Azov, Sea of--Amphipoda)  
(Fishes--Food)

REZNICHENKO, O.G.

Fauna of the Sea of Azov. Biul. MOIP. Otd. biol. 63 no. 4:156-157  
Jl-Ag '58 (MIRA 11:11)  
(AZOV, SEA OF--MARINE FAUNA)

REZNICHENKO, O.G.

Ecology and morphology of mysids of the genus Hemimysis (Crustacea, Malacostraca). Trudy Gidrobiol. ob-va 9:320-343 '59.  
(MIRA 12:9)

1. Kafedra gidrobiologii Moskovskogo gosudarstvennogo universiteta,  
i Institut okeanologii AN SSSR.  
(Schizopoda)

TARASOV, Nikolay Ivanovich; ZENKEVICH, L.A., otv.red.; REZNICHENKO, O.G.,  
red.izd-va; SIMKINA, G.S., tekhn.red.

[The living sounds of the sea] Zhivye zvuki moria. Moskva, Izd-vo  
Akad.nauk SSSR, 1960. 86 p. (MIRA 14:1)  
(Sound production by animals)  
(Marine fauna)

MURINA, V.V.; REZNICHENKO, O.G.

Autoacclimatization of the crab Rhithropanopeus harrisii  
tridentatus (Maitland) in the Vistula Lagoon. Trudy  
Gidrobiol. ob-va 10:235-264 '60. (MIRA 13:9)

1. Moskovskiy gosudarstvennyy universitet, kafedra zoologii  
bespozvonochnykh i kafedra gidrobiologii.  
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under natural conditions. Biul. MOIP. Otd. biol. 65 no. 4:125-127  
Jl-Ag '60. (MIRA 13:10)

(HYDROBIOLOGICAL RESEARCH)

ZENKEVICH, L.A., otv. red.; BELYAYEV, G.M., red.; VINBERG, G.G.,  
red.; GAYEVSKAYA, N.S., red.; ZHADIN, V.I., red.;  
REZNICHENKO, O.G., red.; SHCHERBAKOV, A.P., red.

[Change in the biological complexes of the Caspian Sea  
during the last decade] Izmenenie biologicheskikh  
kompleksov Kaspiiskogo moria za poslednie desiatiletiiia.  
Moskva, Nauka, 1965. 255 p. (MIRA 18:6)

1. Vsesoyuznoye gidrobiologicheskoye obshchestvo. 2. Chlen-  
korrespondent AN SSSR (for Zenkevich).

ZERENOVICH, I.A., atv. red.; GOREVSKAYA, N.N., red.; ZHILIN, V.I.,  
red.; KUZBOV, I.M., red.; REINIGHERKU, O.G., red.

[Feeding habits of commercial marine fishes] Pitaniye more-  
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(MIR) 17:6  
197 p.

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red.; KOZHOV, M.M., red.; REZNICHENKO, O.G., red.

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PAVLOVSKIY, Ye.N., akademik, glav. red.; KOZHIN, N.I., prof.,  
red.; PIROZHNIKOV, P.L., kand. biol. nauk, red.;  
ISAYEV, A.I., red.; REZNICHENKO, O.G., red.;  
GIDALEVICH, A.M., red.izd-va; MAKUNI, Ye.V., tekhn.red.

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dy. Moskva, Izd-vo AN SSSR, 1963. 227 p. (MIRA 16:12)

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nogo khozyaystva na vnutrennikh vodozemakh SSSR. 2. Gosudar-  
stvennyy nauchno-issledovatel'skiy institut ozernogo i rech-  
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Petr Ivanovich Usachev (1892-1962). Trudy Gidrobiol. ob-va  
13:5-12 '63. (MIRA 16:11)

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Ecology and morphology of *Actinia equina* L. (Coelenterata, Hexacorallia). Trudy Cidrobiol. ob-va 11:224-252 '61. (MIR: 15:1)

I. Institut okeanologii AN SSSR, Moskva.  
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REZNICHENKO, O.G.

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(MIRA 14:10)  
(LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765)  
(SHIPWORMS)

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444810006-3

...; L.I.; S.A. MIRSKA, G.I. [Laievs'ka, H.I.]; R.ZNICHENKO, O.Ya.

Type of heat insulating materials for footwear manufactured with  
the hot vulcanization method. I.e., prom. no. 3:25-27 JI-S '64.  
(MGA 17:10)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444810006-3"

"APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444810006-3

REZNICHENKO, P.

Powerful weapon. Pozh.delo 9 no.2:15 F '63.  
(Caricature)

(MIRA 16:3)

APPROVED FOR RELEASE: 03/14/2001

CIA-RDP86-00513R001444810006-3"

REZNICHENKO, P.N.

Changes in early embryonic motility in the development of  
the axolotl. Trudy Inst. morf. zhiv. no.40:239-246 '62.  
(MIRA 16:6)

(Embryology—Amphibia)  
(Movement(Physiology))

CHUKICHEV, Ivan Pavlovich; REZNICHENKO, P.N., red.

[Human physiology] Fiziologija cheloveka. 2. izd., ispr.  
i dop. Moskva, Meditsina, 1965. 463 p. (MIRA 18:6)

CHUKICHEV, Ivan Pavlovich, prof.; REZNICHENKO, P.N., red.; ZAKHAROVA, A.I.,  
tekhn. red.

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(MIRA 14:12)

(PHYSIOLOGY)

YUROVITSKIY, Yu.G.; REZNICHENKO, P.N.

Development of bream under different conditions of oxygen supply.  
Trudy Inst.morf,zhiv. no.33:94-110 '61. (MIRA 14:6)  
(Bream) (Embryology--Fishes) (Oxygen--Physiological effect)

YUROVITSKIY, Yu.G.; REZNICHENKO, P.N.

Some developmental characteristics of sturgeons of the Kura River  
(Acipenser Güldenstädti Brandt) under different conditions of oxygen  
supply. Vop.ikht. 1. no.2:314-320 '61. (MIRA 14:6)

1. Laboratoriya morfologii pozvonochnykh Institutu morfologii  
zhivotnykh AN SSSR.  
(Kura River—Sturgeons) (Oxygen—Physiological effect)

17(4)

AUTHORS:

Reznichenko, P. N., Yurovitskiy, Yu. G. SOV/20-125-4-73/74

TITLE:

Ectodermal Cilia of the Embryos, Larvae, and Young Fish of  
Cura Acipenser and Their Physiological Significance (Ekto-  
dermal'nyye resnichki zarodyshey, lichinok i mal'kov kurinskogo  
osetra i ikh fiziologicheskoye znachenije),

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 125, Nr 4, pp 949-952  
(USSR)

ABSTRACT:

In early stages of development of the sturgeon the authors found the Cilia mentioned in the title. As such Cilia are known from publications in amphibia embryos (Refs 1-3), it was interesting to find out in what order these Cilia appear and undergo involution in the sturgeon. The following observations were made on the development of the Cilia: in larval stages the ciliary apparatus continues the function it had in the embryo (mixing of the perivitelline fluid) insofar as it participates in the function of respiration. By its activity a constant change of water takes place on the surface of the yolk-sac which has a respiration net work of blood vessels. Furthermore a continual stream of water is driven through the gill cavities (at this stage the larvae do not yet have a developed active

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SOV/20-125-4-73/74

Ectodermal Cilia of the Embryos, Larvae, and Young Fish of Cura Acipenser and Their Physiological Significance

mechanism of gill-maxillary respiration). This apparently is not the only role of the embryonic movement of the ectodermal Cilia; it is known (Ref 9) that in the 28th stage ferment liquid accumulates in the hatching gland (gland that promotes larvae in hatching out) and is flung out into the perivitelline liquid in the 35th stage. Constant stirring is necessary to assure an even effect on the egg membrane, or else premature hatching takes place, as the membrane is dissolved where it touches the head, on which the bulk of the hatching glands is located in Teleostae. The activity of the Cilia finally protects from silt the surface of the yolk-sac, the gill filaments and other segments of the body. Other parts of the body which are not ciliated are covered by a continuous coat of silt. There are 1 figure and 10 references, 6 of which are Soviet.

ASSOCIATION: Institut morfologii zhivotnykh im. A. N. Severtsova Akademii nauk SSSR (Institute of Animal Morphology imeni A. N. Severtsov of the Academy of Sciences USSR)

PRESENTED: January 3, 1959, by K. I. Shmal'gauzen, Academician  
SUBMITTED: December 29, 1958  
Card 2/2

REZNICHENKO, P.N.

Analysis of the role of different sections of the brain of  
the axolotl in the locomotive function. Trudy Inst. morf.  
zhiv. no.40:78-122 '62. (MIRA 16:6)

(Axolotls) (Brain) (Animal locomotion)

REZNICHENKO, P.N.; KOTLYAREVSKAYA, N.V.; GULIDOV, M.V.

Effect of a steady temperature of incubation on the survival  
rate of the eggs of the roach. Trudy Inst. morf. zhiv. no.40:  
247-253 '62. (MIRA 16:6)

(Roach(Fish)) (Embryology—Fishes)  
(Temperature—Physiological effect)

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Some regularities of the development of the respiratory function  
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N-D '59. (MIRA 13:5)  
(EMBRYOLOGY--FISHES) (RESPIRATION)

REZNICHENKO, P.N., kand.biol.nauk

Ontogenesis of embryonic motor functions in the pike. Trudy sov.Ikht.  
(MIRA 11:11)  
kom. no.8:393-409 '58.

1. Biologicheskaya stantsiya AN SSSR "Borok."  
(Pike) (Embryology--Fishes)

REZNICHENKO, P.N.

Role of embryonic movements in respiration ontogenesis of  
bony fishes. Zhur. ob. biol. 20 no.4:289-298 Jl-Ag '59.  
(MIRA 12:11)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR.  
(EMBRYOLOGY--FISHES)  
(RESPIRATION)  
(MOVEMENT (PHYSIOLOGY))

REZNICHENKO, P.N.

REZNICHENKO, P.N.

A revised form of the Pavlovian theory. Zh. vysshei Nerv. deiat.  
Pavlova 1 no. 2:290-297 Mar-Apr 1951. (CLML 22:5)

1. Criticism of Prof. P. K. Anokhin's misuse of Pavlov's ideas.

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K.A., tekhnicheskiy redaktor.

[Higher nervous activity of animals in social situations] Vysshiaia  
nervnaia deiatel'nost' zhivotnykh v usloviakh obshcheniya. Moskva,  
Gos. izd-vo med. lit-ry, 1955. 232 p.  
(MLRA 9:4)  
(Psychology, Physiological)

Reznichenko, P. N.

KOSHTOYANTS, Kh. S.; BEKBULATOV, T. I.; VASILENKO, F. D.; KUDRYAVINA, N.; MITROPOLITANSKIY, R. L.; MUZYKANTOV, V. A.; REZNICHENKO, P. N.

"Concerning the Correlation of Functions of 'Vegetative' and 'Animal' Systems in the Light of the Evolution of These Systems". (O korrelyatsii funktsiy "vegetativnykh" i "animal'nykh" sistem v svete evolyutsii etikh sistem).

In the Book, "The VI All-Union Congress of Physiologists, Biochemists, and Pharmacologists". Tbilisi, 12-18/X 1937. Collection of Reports. Tbilisi, Orgkomitet, 1937, s. 268-273.

REZNICHENKO, Pavel Trofimovich, dots., kand. tekhn. nauk, CHEKHOV,  
Anatoliy Petrovich, dots., kand. tekhn. nauk; DYAKOV,  
A.N., red.

[Chemicalization of building] Khimizatsiia stroitel'stva.  
Dnepropetrovsk, "Promin!" 1965. 46 p. (MIRA 18:12)

REZNICHENKO, P.T., Cand Tech Sci -- (diss) "Study of  
effective methods of assembling ~~large scale cinder~~  
~~block walls~~ <sup>the</sup> ~~of large block~~ residential and public buildings".  
Mos, 1957. 20 pp. (Min of Higher Education USSR. Mos  
Order of Labor Red Banner Construction - Engineering  
Inst im V.V. Kuybyshev). 110 copies.  
(KL, 12-58, 99)

-48-

L 25053-65 EWT(1) MLK/GW

ACCESSION NR: AT5002746 S/0000/64/000/000/0172/0229

AUTHOR: Reznichenko, T. D.; Reznichenko, S. D.

TITLE: Some patterns of development of the Earth. General theoretical concepts

SOURCE: Zemlya vo Vselennoy (The Earth in the universe). Moscow, Izd-vo Mysl', 1964, 172-229

TOPIC TAGS: tectonic movement, earth rotation, climatic change, bronze age, river displacement, sea displacement, centrifugal force

ABSTRACT: The purpose of this study is to focus attention on the long-range fluctuations in the regime of the earth's daily rotation, and the cause-and-effect relationship between the climate, daily rotation and tectonics. The various tectonic movements tend to change the vertical-horizontal relations between the water and the land. This relationship is also changed by the displacement of the hydrosphere in relation to the lithosphere under the influence of the changing centrifugal forces of the Earth's daily rotation. The long-range climatic changes are said to be proved by the three cold epochs alternating with three warm epochs in the past 4,500 years. The displacement of the water in relation to the land is reported to have been shown by a long-range study of the Caspian and Black Seas,

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L 25053-65

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ACCESSION NR: AT5002746

lake Baikal and a number of large Russian and Chinese rivers. The past 4,500 years of the history of the planet's drainage system have revealed a general pattern of sea and river displacements: toward the equator during the cold epochs, and in the direction of the poles in the warm periods. "The authors express their sincere gratitude to B. A. Apollov, B. L. Lichkov, N. I. Makkaveyev, K. K. Markov and A. V. Shnitnikov for their review of the manuscript of this article, and their valuable advice and comments." Orig. art. has: 2 tables and 13 figures.

ASSOCIATION: None

SUBMITTED: 20Jan64

ENCL: 00

SUB CODE: ES

NO REF SOV: 086

OTHER: 003

Card 2/2

L 25053-65 EWT(1) MLK/GW

ACCESSION NR: AT5002746

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16  
13  
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AUTHOR: Reznichenko, T. D.; Reznichenko, S. D.

TITLE: Some patterns of development of the Earth. General theoretical concepts

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ACCESSION NR: AT5002746

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ASSOCIATION: None

SUBMITTED: 20Jan64

ENCL: 00

SUB CODE: ES

NO REF Sov: 086

OTHER: 003

Card 2/2

POKHODA, L.N.; LEVIE, N.F.; VOYTSEKHOVSKIY, A.P.; RIZNICHENKO, T.N.

First test of the use of chromates to increase the heat resistance  
of clay muds. Burenie no.4:12-14 '64. (MIR 18:5)

U. Moskovskiy ordena Trudovogo Krasnogo Znameni institut nafto-  
kuimi cheskoy i gazovey promyshlennosti im. akad. Gubkina i  
Krasnodarskiy filial Vsesoyuznogo neftegazovogo nauchno-issledo-  
vatel'skogo instituta.

REZNICHENKO, U., inzh.

The most efficient schemes for container transportation used by the  
United Volga Steamship Line. Rech. transp. 19 no. 2:19-21 F '60.

(MIRA 14:5)

(Ships--Cargo)

KUZ'MIN, V., inzh.; REZNICHENKO, U., inzh.

Floating rafts without accident. Mech. transp. 22 no. 6:17-19 Je '63.  
(MIRA 16:9)

(Rafts—Handling)

KAZAKOV, A., kand.tekhn.nauk; REZNICHENKO, U., inzh.

Methods of transportation, loading, and unloading of cement and  
their economic efficiency. Rech. transp. 19 no.11:7-9 N '60.  
(MIRA 13:11)

(Cement--Transportation)

(Cargo handling)

YUMIN, Naganail Aleksandrovich, kand. tekhn. nauk, dots.;  
ARTAMONYCHEV, Aleksandr Nikolayevich, kand. tekhn. nauk,  
dots.; MISHINA, Mariya Nikolayevna, kand. tekhn. nauk,  
dots.; RAGOZIN, Boris Kupriyanovich, kand. tekhn. nauk;  
GOLOVNIKOV, V.I., st. nauchn. sotr., kand. tekhn. nauk,  
retsenzent; BUCHIN, Ye.D., st. nauchn. sotr., retsenzent;  
REZNICHENKO, U.S., st. prep., retsenzent; FOMKINSKIY, L.I.,  
inzh., red.; MORALEVICH, O.D., red.izd-va; RIDNAYA, I.V.,  
tekhn. red.

[Organization of river fleet operations] Organizatsiya raboty  
flota; zadachi i raschety. Moskva, Izd-vo "Rechnoy transport,"  
1960. 212 p. (MIRA 16:8)

1. Zaveduyushchiy kafedroy "Organizatsiya raboty flota i  
portov" Novosibirskogo instituta inzhenerov vodnogo transporta  
(for Yumin).

(Inland water transportation)

REZNICHENKO, V.

Provide for fire safety in petroleum farms. Pozh. delo 9  
no.6:14 Je '63. (MIRA 16:8)

1. Starshiy inspektor Upravleniya pozharnoy okhrany,  
Rostov-na-Donu.

KOSHEVOY, O.K.; MEYTIN, Ya.M.; BYALER, I.Ya. [deceased]; REZNICHENKO,  
V., inzh.; IVANOV, S., inzh.; TUROVSKIY, B., red.; IOAKIMIS, A..  
tekhn.red.

[Plastics in building, architecture, and sculpture] Plasti-  
cheskie massy v stroitel'stve, arkhitektura i skul'ptura.  
Kiev, Gos.izd-vo lit-ry po stroit. i arkhit.USSR, 1959. 195 p.  
(Plastics) (MIRA 12:10)

137-1957-12-23062

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 28 (USSR)

AUTHORS: Tagirov, K. Kh., Rudneva, A. V., Reznichenko, V. A.

TITLE: Physical and Chemical Transformations During the Sintering of Titanomagnetite (Fiziko-khimicheskiye prevrashcheniya pri aglomeratsii titanomagnetitov)

PERIODICAL: Tr. In-ta metallurgii AN SSSR, 1957, Nr 1, pp 3-7

ABSTRACT: The titanomagnetite concentrate subjected to sintering is a fine-crystalline titanomagnetite (TM) having the structure of a decomposed solid solution conducive to the formation of thin growths of ilmenite and magnetite. The impurities of the TM comprise Plagioclase, pyroxene, hornblende, and biotite. It has been established that during sintering the fine-crystalline TM's undergo a complete recrystallization and form a sinter (S) with a crystalline grain structure. The titanomagnetite ilmenite is not destroyed during sintering; a considerable amount of hematite dissolves in it and forms a new phase, namely, a solid solution of hematite in ilmenite. The formation of the solid solution in S is accompanied by the partial decomposition of

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137-1957-12-23062

Physical and Chemical Transformations (cont.)

the magnetite in the presence of a liquid silicate phase, namely, glass. The formation of anosovite and of metallic Fe points to the existence of restoration processes in sintering, processes which are most active in the regions of the charge which are protected from the oxidizing influence of the O<sub>2</sub> of the air. The formation of pseudobrookite and hematite points to the existence of oxidizing conditions, particularly in the final stage of sintering.

A. Sh.

1. Minerals-Transformations    2. Sintering-Applications

Card 2/2

REZNICHENKO, V.A.

18(4)

PHASE I BOOK EXPLOITATION

SOV/1896

Akademiya nauk SSSR. Institut metallurgii

Metallurgiya, metallovedeniye, fiziko-khimicheskiye metody issledovaniya  
(Metallurgy, Study of Metals, and Physicochemical Methods of Investigation)  
Moscow, Izd-vo AN SSSR, 308 p. (Series: Its: Trudy, vyp. 3) Errata slip  
inserted. 3,000 copies printed.

Resp. Ed.: I.P. Bardin, Academician; Ed. of Publishing House: A.N. Chernov;  
Tech. Ed.: I.F. Kuzmin.

PURPOSE: This book is of interest to researchers in metallurgy, as well as to the  
technical personnel of the metallurgical industry.

COVERAGE: This volume of the Trudy (Transactions) of the Institut metallurgii  
imeni A.A. Baykova (Metallurgical Institute im. A.A. Baykov) contains 31  
studies on metallurgy, individual metals and alloys, and physicochemical  
methods of investigation. Some of the studies pertain to the reduction of  
titanomagnetites, the viscosity and other characteristics of blast furnace  
slag, dislocation in metals, cracking of metals due to corrosion, simultaneous

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## Metallurgy, Study of Metals (Cont.)

SOV/1896

solubility of metals at various temperatures, apparatus for measuring electrical resistance and for determining the melting point of alloys and metals, optical spectral analysis, quantitative determinations by the sublimation method, and aging of alloys. Each study is accompanied by references.

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SOV/1896

## Metallurgy, Study of Metals (Cont.)

- Badayeva, T.A., and R.I. Kuznetsova. Study of the Surface of Liquidus and of  
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REZNICHENKO, V. A.

LEONIDOV, N. K.

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TITLE: I. BOOK REVIEWS

ED/1497

Authorship and date: Institute of Metallurgy 1957

Metallurgy, 1957-1957, t. 1 (Metallurgy of the USSR, 1957-1957), Vol. 1.)  
Moscow, Metalurgizdat, 1958. 765 p., 5,000 copies printed.

Eds. (Title page): I. P. Baranov, Academician; Ed. (Inside book): G. V. Popov;

SUBJ.: (Title page): O. G. Makarov.  
PURPOSE: The book is intended for scientific workers and engineers in metallurgical plants and in the machine-building industry and students in metallurgical universities as a secondary course in metallurgical veins. It may also be used

CONTENTS: This collection of articles covers practically all practical developments in Soviet metallurgy during the last 40 years. The material deals with the discovery and development of the major ore deposits and the growth of the metal industry. In various parts of European and Asiatic USSR, in various parts of Europe and Asia, and in various parts of the world, many papers contain no many references and names of various persons involved are listed. Many papers contain no many references and coverage of each article to list them. The authors claim that the scope of the methods and theories described in this book reflect the best recent developments.

In Soviet metallurgy.

V. A.

## Metallurgy of the USSR (cont.)

ED/1497

metallurgy and methods are called "soil" or "mines" metals. The various methods developed to produce and refine these metals are described. The work is still in the laboratory stage, particularly the semiconductor, it is planned to develop sufficient quantities. There are 60 Soviet references.

Gorbatova, L.P., and V.A. Moshchukova. Investigations of the metallurgy of

titanium and niobium experiments carried out in the USSR in the field of titanium metallurgy. Potentials and graphs explain the various reactions currently used to obtain various compounds of metallic titanium. The following methods based on the decomposition of lower titanium chlorides obtained by the reduction of titanium to trichloride: 1) the basic method of synthesis of titanium and chloride; 2) electrolysis of titanium chlorides obtained by the reduction of titanium to trichloride; 3) electrolysis of titanium chlorides obtained by the reduction of titanium to trichloride. Some titanium is made recovered from scrap alloys. German.

There are 39 references, 37 Soviet and German sources.

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REZNICHENKO, V.A.

Reduction of titanium magnetite by carbon monoxide and solid carbon.  
Trudy Inst.met. no.3:3-34 '58. (MIRA 12:3)  
(Titanium ores) (Magnetite) (Oxidation-reduction reaction)

"APPROVED FOR RELEASE: 03/14/2001

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40 ENTR'ENKA V A.

— В.А.Родионов  
Г.Д.Сидоренко  
Д.А.Гегара  
А.В.Рудаков  
А.Ю.Попков

Исследование армированных чугунов,  
содержащих молибдена.  
Исследование процессов выплавки  
и ковки из чугунов с высоким  
содержанием фосфора.

Report submitted for the 5th Physical Chemical  
Conference on Steel Production, Moscow-- 30 Jun 1959.

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SCV/354

Akademiya Nauk SSSR, Institut Metallichesk

Titan i yego splavy. vyp. II. Metallurgicheskaya tsveta. Titanium and Its Alloys.

No. 2: Metallurgy of Titanium. Moscow Izd-vo AN SSSR, 1959. 179 p.

Errata slip inserted. 2,800 copies printed.

Resp. Ed.: I.P. Bardin, Academician; Ed. of Publishing House: V.S. Rehezzlikov;  
Tech. Ed.: G.A. Astaf'yeva.

PURPOSE: This book is intended for metallurgists.

COVERAGE: This collection of papers deals with sources of titanium; production of titanium dioxide, metallic titanium, and titanium sheet; slag composition; determination of titanium content in slags; and other related matters. The sources of titanium discussed are the complex sillimanite ores of the Kyakhtinskoye Deposit (Buryat'skaya ASSR) and certain aluminum ores of Eastern Siberia. One paper explains the advantages of using ilmenite titanium slags for the production of titanium dioxide by the sulfuric acid method. Production of metallic titanium by thermal reduction processes (hydrogen, magnesium, and carbon reduction) is the subject of several papers.

Card 1/6

Titanium and Its Alloys. (Cont.)

SOV/3545

while other papers are concerned with the electrolytic production of titanium. Other subjects dealt with are interaction of titanium with water vapor and with hydrogen and the determination of titanium in slags. No personalities are mentioned. References follow each paper.

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REZNICHENKO, V.A.; KHALIMOV, F.B.

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1. Institut metallurgii AN SSSR.  
(Titanium--Metallurgy)